

OTTAWA ORTHOPAEDICS QUARTERLY

Let us *Move* You !
Notre vie n'est que *mouvement*!

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"Focus on an ocean of positives, not a puddle of negatives."



Steven R. Papp MD MSc FRCSC Head, Division of Orthopaedic Surgery University of Ottawa

Another edition of our divisional newsletter highlighting our recent activities and accomplishments. Personally, this is the first newsletter in my official role as your new Division Head. Once again, our group of surgeons, residents and allied health staff have done some amazing work delivering world class care, along with our other roles as educators and researchers.

Several members have taken on leadership positions. Congratulations to *Dr. Wai* becoming the orthopaedic lead for our entire region (CRON). I know his data-driven approach will be very effective in the role. *Dr. Garceau* has taken on the department lead for orthopaedics at the Hawkesbury and District General Hospital. With *Dr. Geoffrey Dervin* becoming Vice Chair, Finance, at the departmental level, the departmental leadership meetings I attend have already improved and the financial health of the department and spending has clarity.

Our *Hans K. Uhthoff Annual Research Day* was a huge success! Although it was our first annual day without *Dr. Uhthoff* present, it was great to have several family members join us. Dr. Carlo Bellabarba visited us from Harborview Medical Center and thoroughly enjoyed the research day, the Uhthoff dinner at the Canadian Museum of History and in particular the PGY-5 graduation and celebration. *Dr. Bill Hadden* might have stolen the show!

As we enter the summer, I want to wish everyone a healthy and enjoyable vacation. Although trauma season and orthopaedic care never rests, I hope you will all get a bit of time to enjoy with family and a small break from the hustle of academics. However, I am hoping everyone will also take this time to start developing their own yearly and career goals so we can start next year with a bang. My goal for the summer is to focus on the positives and I want to encourage you all to do the same. September is not far away! Until then, enjoy your family, your summer and see you soon!

Steve

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The Ottawa Hospital physicians face off against the Ottawa Senators alumni in an epic hockey game to raise money for Pancreatic Cancer Research

Dr. Steve Papp, Dr. Paul Kim and Dr. Donald Chow represented the Division of Orthopaedic Surgery on the physician team - a hard fought 7-3 loss. The event was hosted by **Sindy Hooper and Dr. Jonathan Hooper** and was a great success! More than 400 people cheered on the physicians and over \$25,000 was raised.





Dr. Steven Papp and Dr. Paul Kim







"The Ottawa
Hospital
physicians
and the
Ottawa
Senators
alumni raise
funds for
Pancreatic
Cancer
Research"

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Ministry of Health to implement an osseointegration program at The Ottawa Hospital

Dr. Wade Gofton and Dr. Nancy Dudek have successfully secured funding from the Ministry of Health to implement an osseointegration program at The Ottawa Hospital.

This program involves osseointegrated prosthetic implants for people with lower-leg amputations. It will provide innovative care to ampute patients and can significantly improve their lives and function.

Congratulations to Drs. Gofton and Dudek!



Dr. Wade Gofton



Dr. Nancy Dudek



Ottawa Orthopaedic Open Golf Tournament held on May 27, 2023

Our annual golf tournament was held this year at the Loch March Golf & Country Club and fun was had by all! Congratulations to the winners, *Dr. Michael Pickell, Dr. Steve Papp, Tony Simmons and Cheeler Lindor!*



Harry S. Morton Lectureship June 20-21, 2023

We had the pleasure of hosting the recipient of the Royal College of Canada Harry S. Morton Lectureship, Professor Matthew Costa, from the University of Oxford.

The purpose of the Morton Lectureship is to deliver opportunities for interactive discourse on emerging topics or innovative practices in a surgical specialty or subspecialty recognized by the Royal College. The lectureship also promotes opportunities for the travelling surgeon to learn from the centres visited and bring back knowledge/techniques.



First row from left to right: Dr. Manisha Mistry, Dr. Geoffrey Wilkin, Professor Matthew Costa, Dr. Steven Papp, Dr. Allan Liew





Current Trends in Orthopaedics, Andalucia, Spain

May 22-28, 2024



Seville Pre-trip May 19-22, 2024

The University of Ottawa Division of Orthopaedics is pleased to present Current Trends in Orthopaedics in beautiful Andalucía, Spain, May 22-28, 2024. After the incredible success of our past meetings in the Loire Valley, France, and Sicily, Italy, we are now heading to one of the most beautiful cities in Spain - Ronda, Andalucía. With a history dating from the 6th Century BC, this beautiful Spanish town boasts a unique mix of natural beauty and preserved history. Tapas, fresh seafood, and delectable wines, never mind the great biking and hiking. You won't want to miss this extraordinary CME!

As in past conferences, there will be an **in-depth educational program** concentrating on current trends in orthopaedics designed specifically for orthopaedic professionals. First-class speakers, interactive sessions, and case reviews are all accompanied with ample time for discussion.

The academic portion of the meeting is complemented by daily **guided cycling and hiking** options allowing you to explore the stunning Spanish countryside. The program includes accommodation at the lovely Hotel Catalonia Reina Victoria, gourmet dining, fabulous wines, and some of the best hiking and cycling in all of Spain. Please join us to experience this fascinating and unique educational event. And, if your schedule permits, join us for the pre-trip in **Seville**, a city full of history and architectural wonders that boasts three UNESCO World Heritage Sites, including Alcázar Palace.

The program is 70% sold out. Click here for information and registration. Space is limited.

Paul R. Kim MD, FRCSC Course Chair

This University of Ottawa CME event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada and approved by the Canadian Orthopaedic Association.

The Annual Hans K. Uhthoff Research Day was held on May 26, 2023 with Visiting Professor, Dr. Carlo Bellabarba, from the University of Washington School of Medicine, Seattle Washington



Dr. Bellabarba is Professor and Vice Chair of Orthopaedics, and Joint Professor of Neurological Surgery at the University of Washington School of Medicine in Seattle, Washington. He is Chief of Orthopaedics at Harborview Medical Center, the region's only level-one trauma center, and Director of the University of Washington's Orthopaedic Spine Service.

Dr. Bellabarba earned his undergraduate biochemistry and medical degrees from McGill University in Montreal, Canada, and did his residency at Rush University Medical Center in Chicago. He completed

fellowships in spine surgery at Northwestern University in Chicago and in orthopaedic traumatology at Tampa General Hospital. He is a dual citizen of Canada and the United States and is a veteran of the US Army.

Dr. Bellabarba's clinical interests are consistent with an academic surgical practice in a regional level-one quaternary care referral center and include the full range and complexity of spine conditions, from the upper cervical spine to the sacrum, such as spine trauma, spinal deformity, degenerative spine conditions, spine infections, and spine tumors. His research focus mirrors his clinical interests, with an emphasis on spine trauma.

Our congratulations to all winners!

Resident Papers

First Prize: Dr. Nicholas Tubin



"Lower Rates of Reoperation following Partial or Complete Single-stage Revision Arthroplasty Compared to Debridement, Antibiotics and Implant Retention for Early Postoperative and Acute Hematogenous Periprosthetic Hip Infection"

Dr. Stephen Kingwell, Dr. Nicholas Tubin,
Dr. Carlo Bellabarba, Dr. George Grammatopoulos

Second Prize: Dr. Luke Beaton

"Pilot Study: A Machine Learning Algorithm for the Detection of Adolescent Idiopathic Scoliosis from Images Taken with Modern Smartphone Technology"



Dr. Stephen Kingwell, Dr. Luke Beaton, Dr. Carlo Bellabarba, Dr. George Grammatopoulos

Best Fellow Paper



Dr. Stephen Kingwell, Dr. Jillian Fairley,
Dr. Carlo Bellabarba, Dr. George Grammatopoulos

Dr. Jillian Fairley, Shoulder and Elbow Fellow

"Bone Channeling in Arthroscopic Rotator Cuff Repair: A Systematic Review and Meta-analysis of Level 1 Studies"

Best Graduate Student Paper

Bahaeddine Tilouche, PhD Candidate

"Characterization of Synovial Joint Stem Cells in the Mouse and Human Aging and Arthritic Joints"



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Jacques Robichon Award: Dr. James Jarvis



Dr. Steven Papp, Dr James Jarvis, Dr. Kevin Smit, Dr. Karl-André Lalonde

Staff Teaching Award: Dr. Manisha Mistry



Dr. Steven Papp, Dr. Manisha Mistry, Dr. Karl-André Lalonde

Resident Teaching Award:

Dr. Andrew Caines

Fellow Teaching Award: Dr. Jonathan Doyon



Dr. Steven Papp, Dr. Andrew Caines, Dr. Karl-André Lalonde



Dr. Steven Papp, Dr. Jonathan Doyon, Dr. Karl-André Lalonde

Let Us Move You Award:

Walking Wounded Program Team Dr. William Hadden



Andrew Brock, Dr. Peter Lapner, Amy Gear, Rita Timpano, Dr. Karl-André Lalonde, Dr. Steven Papp

Merv Letts Award:



Dr. Steven Papp, Dr. William Hadden, Dr. Karl-André Lalonde

Anatomy Cup:

Dr. Andrew Caines



Dr. Steven Papp, Dr. Andrew Caines, Dr. Karl-André Lalonde

Andry Nicolas Award:

Dr. Emmitt Hayes



Dr. Steven Papp, Dr. Emmitt Hayes, Dr. Karl-André Lalonde

Albatross Award:

Dr. Jonathan Doyon



Dr. Steven Papp, Dr. Stephen Kingwell, Dr. Jonathan Doyon, Dr. Carlo Bellabarba, Dr. George Grammatopoulos

Research Quiz Winner:

Dr. Kenneth Lukas



Dr. Steven Papp, Dr. Stephen Kingwell, Dr. Kenneth Lukas, Dr. Carlo Bellabarba, Dr. George Grammatopoulos

New additions to the Orthopaedic family!



Dr. Luke Beaton and his partner Audrey announced the arrival of their daughter Isla Brooke Beaton, born on June 13th at 05:55 at the Civic Campus. She joins the illustrious club of only 4% of babies born on their due date!

Dr. Michaela Burke and her partner Chrisare the proud parents of a baby girl, Aubrey Galley, born on May 7th, weighing in at 7 lbs, 10 oz.





Another girl has joined the Ottawa Ortho family!

Dr. Alicia Kerrigan and her partner Rod welcomed their baby girl, Kennedy Margaret MacPhee, on June 12th, weighing in at 8 lbs, 2 oz.

All are doing well, but Mom has learned there is no post-call with a newborn!

Department of Surgery Wellness Challenge Winner



Congratulations to *Laurie Poulsen* for winning the Wellness Challenge!

Jenny Jiwan, Laurie Poulsen



Dr. Baxter Willis inducted into the POSNA Hall of Fame



The Pediatric Orthopaedic Society of North

America (POSNA) Hall of Fame provides an enduring history to honor those POSNA members who have displayed dedication to the Pediatric Orthopaedic Society of North America, teaching and mentoring, studying musculoskeletal conditions in children and caring for children with musculoskeletal conditions. Nominations for members are taken each fall and selected by the Awards Committee and members of the Hall of Fame.

Hall of Fame Categories: Leadership, Diversity, Teacher, Humanitarian, Hero, Triumph over Adversity, Pioneer, Contributions to Literature, Home Person (one who does the real work while others go to meetings), Fox-Hole Buddy (reliable person when the stakes are high), Exceptional Clinician, POSNA Service.

Congratulations Dr. Willis!

Appointment of Dr. Eugene Wai as the Champlain Regional Orthopaedic Physician Lead

Our congratulations to Dr. Wai on his appointment!

Dr. Wai has great experience as a leader of the spine program at The Ottawa Hospital with implementing the ISAEC program for back pain screening and many other initiatives throughout his time as a member of the Division of Orthopaedic Surgery.

The delivery of regional orthopedic care will be under great leadership!



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Congratulations to Dr. Simon Garceau on his appointment as Chief of Orthopaedics, Reconstructive Surgery and Dentistry at the Hawkesbury and District General Hospital



Dr. Garceau joined the Division of Orthopaedic Surgery in 2021 as an Arthroplasty surgeon.

Dr. Garceau completed his medical training at McGill University and residency training at the University of British Columbia followed by fellowships at the Mount Sinai Hospital in Toronto and in New York City at the NYU Langone and the Insall-Scott-Kelly Institute.

The focus of his practice has been primary, complex and revision hip and knee arthroplasty. He is part of a multidisciplinary team focusing on improving the care of patients suffering from periprosthetic joint infections.

Dr. Geoffrey Dervin has been appointed as Vice Chair, Finance, Department of Surgery

Our congratulations to Dr. Dervin on his appointment!

Dr. Dervin has been with the Division of Orthopaedic Surgery since 1993 and was a former Division Head from 2003 to 2014.

Dr. Dervin has extensive leadership experience and will be a great asset as Vice Chair of Finance in the Department of Surgery.



Cdr. Christopher Kennedy was deployed for approximately one month on Op Flintlock on the Côte d'Ivoire where he provided medical support for an exercise

Details about Op Flintlock can be found at the websites below.

https://www.theglobeandmail.com/world/articleafrica-jihadi-terrorism-flintlock/

https://www.socom.mil/socaf





Cdr. Christopher Kennedy presented on "Forward Surgical Teams in a Changing Geopolitical Environment" at the Trauma Association of Canada (TAC) Conference in Edmonton on April 20, 2023.

Cdr. Christopher Kennedy (first on the left)

Dr. Stephen Kingwell was awarded a Patient Safety Star

The Patient Safety Star program is a peer-nominated recognition program for those who regularly go above and beyond expectations to contribute to patient safety.

In May, representatives of the SDCU team presented their Steriwave Spine QI project during the Quality Rounds webinar hosted by the Quality and Patient Safety team.

In recognition of their efforts and dedication, the entire project team is being awarded Patient Safety Stars for going above and beyond regular duties to improve care for patients.

Congratulations Dr. Kingwell!



Dr. Steven Papp and Dr. Stephen Kingwell

Upper Extremity Visiting Professor Dr. Parham Daneshvar, Queen's University April 6, 2023



First row from left to right: Dr. J Pollock, Visiting Professor Dr. Parham Daneshvar, Dr. Steven Papp

James J. Wiley Visiting Professor Dr. Benjamin Shore, Harvard Medical School April 12, 2023



First row from left to right: Dr. Sasha Carsen, Dr. Baxter Willis, Dr. James Jarvis, Visiting Professor Dr. Benjamin Shore, Dr. Akshay Seth, Dr. Alicia Kerrigan, Dr. Kevin Smit

Foot and Ankle Visiting Professor Dr. Kevin Wing, University of British Columbia April 27, 2023



First row from left to right: Dr. Karl-André Lalonde, Dr. Mark Steeves, Visiting Professor Dr. Kevin Wing, Dr. Brad Meulenkamp

Hans K. Uhthoff Visiting Professor Dr. Carlo Bellabarba, University of Washington School of Medicine May 26, 2023



First row from left to right: Dr. Stephen Kingwell, Dr. Eugene Wai, Visiting Professor Dr. Carlo Bellabarba,
Dr. Alexandra Stratton, Dr. Steven Papp, Dr. Karl-André Lalonde, Dr. Joel Werier,
Dr. George Grammatopoulos, Dr. Eyad Alakkas



🗽 CQI CORNER WITH DR. PETER LAPNER



Background

Wait time to surgery for hip fractures has been linked to mortality, and wait time to surgery is an important quality of care metric.^{3, 5, 6, 12, 15-17, 20} The incidence of 1-year mortality following osteoporotic hip fracture is between 14 and 36%.¹⁹ Hip fractures are also associated with a significant impairment in independence and quality of life; with a high proportion of patients losing the ability to ambulate or experiencing a significant reduction in their ability to leave their home.^{2, 17}

Earlier surgery is associated with better functional outcomes, shorter hospital stay, decreased duration of pain, decreased incidence of adverse events, and decreased mortality.^{4, 7, 9-11, 14, 18} HIP ATTACK, a large international randomized controlled trial, compared early (< 6 hours) surgery versus standard of care.⁸ Although there was no difference in mortality or a composite index of major complications at 90 days post randomization, the trial demonstrated a lower incidence of urinary tract infection, lower

incidence of delirium, and less pain on post-randomization days 4-7 in the accelerated group. National guidelines state that hip fracture surgery should be performed within 48 hours of admission.^{1, 13} The Canadian Institute for Health Information (CIHI) published national rankings for a series of quality metrics. In 2022, The Ottawa Hospital ranked 11/11 (last place) in Canada in this metric.

Our division completed an audit of all hip fracture cases over a 90-day period from November 2022 to February 2023. There were 143 cases, of which 20% did not access the OR within 48 hours. Of cases that did not access within 48 hours, 55% were due to inability to access (ie. competing services/cases); 33% were due to medical comorbidities; and 7% were due to transfers from the Civic campus to the General campus.

The Pilot

A pilot initiative is now in place to convert all hip fracture cases to D priority the morning following admission to ensure we achieve a target of 90% compliance in patients into the OR in < 48 hours from admission. This pilot began May 3, 2023. A repeat analysis will take place 3 months after the start date – stay tuned for the results!

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19 Zuckerman JD, Hip fracture. The New England journal of medicine 1996;334;1519-1525, 10.1056/NEJM199606063342307

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A warm welcome to our new research staff!



Sophie Henke Tarnow BSc, BHSc, Clinical Research Coordinator

Sophie obtained a dual undergraduate degree in Health Sciences and Developmental Cognitive Neuroscience from Western University. She became involved in clinical research within the Department of Clinical Neurological Sciences, specializing in research with patients diagnosed with dementia. She also worked in a neuroimaging lab where her honours thesis project was focused on examining the age-related changes in midbrain neuromelanin content using NM-MRI.

Sophie has always been very interested in human kinetics and anatomy and has really enjoyed expanding her knowledge base to the realm of orthopaedic research. She enjoys working with patients and finds it rewarding to work within a field that directly improves people's quality of life.

In her spare time, Sophie enjoys hiking and travelling. She is very happy to have joined the Orthopaedic Surgery Research team at The Ottawa Hospital!

Liam Rappoldt BScH, MSc, Research Assistant

Liam has recently joined the OHRI as a Research Assistant with Dr. George Grammatopoulos of the Division of Orthopaedic Surgery in adult reconstruction research.

Prior to joining the team, Liam spent a year working in Sports Medicine Orthopaedic Surgery Research in Halifax after graduating from his Master of Science in Anatomy and Neurobiology at Dalhousie University where he studied Glioblastoma Multiforme, a uniformly fatal type of brain cancer.

Having recently moved to the city with his partner Camille, Liam is excited to explore all the cycling, trail running, camping, and culinary experiences the Ottawa region has to offer!



Our congratulations to all grant recipients!

Funding Agency	Principal Investigator	Title	Amount Awarded
CSES	Dr. J Pollock	"A randomized, double-blind sham-controlled trial on the efficacy of arthroscopic tennis elbow release for the management of chronic lateral epicondylitis"	\$ 19,195.00
Department of Surgery	Dr. Peter Lapner Dr. Joel Werier	"Revisiting Value and Efficacy (REVIVE). A quality improvement initiative in arthroscopic cuff repair"	\$120,000.00
Department of Surgery	Dr. Joel Werier	"Virtual reality 3D modelling of complex sarcomas for enhanced surgical planning and patient experience"	\$120,000.00
Department of Surgery	Dr. Hesham Abdelbary	"Investigating the feasibility of utilizing bacteriophages as a novel diagnostic platform for the rapid detection of slow growing organisms causing implant-associated infections"	\$ 25,000.00
COA Basic Science Course	Dr. Marie-Claude Magnan	"The challenges in diagnosing and managing primary bone angiosarcoma of the distal femur in a 38-year-old male"	\$ 5,000.00



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2: Spinopelvic Challenges in Primary Total Hip Arthroplasty Author(s): Grammatopoulos G, Innmann M, Phan P, Bodner R, Meermans G.

EFORT Open Rev. 2023 May 9;8(5):298-312. doi: 10.1530/EOR-23-0049. PMID: 37158334.

3: Impact of Anesthetic Choice on Time to Discharge for Same-Day Discharge Joints

Author(s): Kashanian K, Garceau SP, Kim PR, Dervin GF, Pysyk CL, Bryson GL, Beaulé PE.

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4: Position Statement: Management of Rotator Cuff Tears in Adults

Author(s): Lapner P, Henry P, Athwal G, Moktar J, McNeil D, MacDonald P.

Canadian Shoulder and Elbow Society (CSES).Can J Surg. 2023 Apr 21;66(2):E190-E195. doi: 10.1503/cjs.022221. Print 2023 Mar-Apr. PMID: 37085294.

5: Accuracy of Digital Templating in Uncemented Primary Total Hip Arthroplasty: Which Factors are Associated with Accuracy of Preoperative Planning?

Author(s): Adamczyk A, Laboudie P, Nessek H, Kim PR, Gofton WT, Feibel R, Grammatopoulos G.

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6: Cost Consequence Analysis of Waiting for Lumbar Disc Herniation Surgery

Author(s): Dandurand C, Mashayekhi MS, McIntosh G, Singh S, Paquet J, Chaudhry H, Abraham E, Bailey CS, Weber MH, Johnson MG, Nataraj A, Attabib N, Kelly A, Hall H, Rampersaud YR, Manson N, Phan P, Thomas K, Fisher C, Charest-Morin R, Soroceanu A, LaRue B, Dea N.

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8: The Direct Anterior Approach is Safe and Shortens Hospital Length of Stay following Hemiarthroplasty for Neck of Femur Fracture

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13: The Effect of Ethnicity on the Age-related Changes of Spinopelvic Characteristics: A Systematic Review. Author(s): Lukas KJ, Verhaegen JCF, Livock H, Kowalski E, Phan P, Grammatopoulos G. Bone Joint Res. 2023 Apr 1;12(4):231-244. doi: 10.1302/2046-3758.124.BJR-2022-0335.R1. PMID: 37051815.

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15: Is Outcome of Total Hip Arthroplasty for Hip Fracture Inferior to that of Arthritis in a Contemporary Arthroplasty Practice?

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Author(s): Romanchuk NJ, Livock H, Lukas KJ, Del Bel MJ, Benoit DL. Carsen S.

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Welcome to our PGY-1 residents!



Dr. Ebrahim Alawadhi



Dr. Rashed Alhamidan



Dr. Emily Elder



Dr. Matthew Macciacchera



Dr. Zoe Mack



Dr. Nagi Mikhail



Dr. Naama Nofech Mozes

Congratulations to our graduating residents!



From left to right: Dr. Andrew Caines, Dr. Luke Beaton, Dr. Zoe Rubin, Dr. Karl-André Lalonde, Program Director, Dr. Abdullah AlDuwaisan, Dr. William Hadden





Introducing our fellows...

Dr. Mofeed Alhashim M.B.B.S, Foot and Ankle Fellow



Dr. Alhashim grew up in a small village in AlAhsa, an eastern province of the Kingdom of Saudi Arabia. He moved to the city of Hufuf, where he completed his bachelor's degree in medicine and surgery at the King Faisal University.

Dr. Alhashim did his orthopaedic residency training at King Saud Medical City in Riyadh, the capital of Saudi Arabia. After completing his residency, he spent three years practicing orthopedic trauma at that hospital.

His passion for improving patient care and pursuing excellence in his surgical skills pushed him to leave his lovely boys, Abdulaziz and Faris, and his family to pursue further training in Canada. On July 1, 2022, he started his foot and ankle fellowship at The Ottawa Hospital and in July 2023, he will begin a one-year trauma fellowship at McMaster University in Hamilton.

Without his parents, family, and the generous support of the Saudi Government, Dr. Alhashim would not have been able to gain these qualifications. Upon completion of his fellowship in Hamilton, he will be returning home to practice orthopaedic trauma, foot and ankle surgery, serving his country, and providing the best care for his patients.

Dr. Jorge Cabrolier MD, Musculoskeletal Oncology Fellow

Dr. Cabrolier grew up in a small coastal town in central Chile. After high school, he packed his bags and moved to the bustling city of Santiago to attend medical school at Pontificia Universidad Católica de Chile. After obtaining his medical degree, he completed a residency in orthopaedic surgery at the Universidad Del Desarrollo.

Currently, he is undertaking an orthopaedic oncology fellowship at The Ottawa Hospital. During his time in Ottawa, he discovered the joys of snowboarding and exploring local breweries, expanding his horizons in both sports and culinary experiences.

Driven by his passion for improving patient care, he plans to return to Chile and lead the orthopaedic oncology service at the Chilean national referral center for sarcoma.

In the future, he will be pleased to welcome anyone from the Ottawa ortho community to visit Chile for academic or leisure purposes, fostering international connections and opportunities for collaboration.



Dr. Rohail Mumtaz MD, FCPS, Spine Surgery Fellow



Dr. Mumtaz was born and raised in Lahore, Pakistan. He was raised learning strong family and social values. After high school, he travelled to China where he completed his medical school under the national exchange program. He then completed his five-year residency in orthopaedic surgery at Services Hospital Lahore in Pakistan.

Dr. Mumtaz loves travelling and believes that it broadens one's view about different social and ethical values. He lived and worked in Saudi Arabia several years before he was selected as a fellow in the spine surgery program at The Ottawa Hospital. He plans to practice spine surgery alongside the orthopaedic trauma coverage.

Dr. Mumtaz likes to play Cricket which is one of the most popular outdoor games in Pakistan. He also enjoys cooking and photography.

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Congratulations to our graduating fellows!

Adult Hip & Knee Arthroplasty Fellowship

Dr. Abdulaziz Albarrak

Adult Reconstruction Fellowship

Dr. Paul Gauthier

Dr. Jennifer Hunter

Dr. Michael Nitikman

Dr. Tom Schmidt-Bräkling

Comprehensive Knee Fellowship

Dr. Matthew Howell

Dr. Jason Khoury

Foot and Ankle Fellowship

Dr. Mofeed Alhashim

Hand and Wrist Fellow

Dr. Alenko Šakanović

Musculoskeletal Oncology Fellowship

Dr. Jorge Cabrolier

Pediatric Orthopaedic Surgery Fellowship

Dr. Mousa Alahmari

Dr. Eyad Alakkas

Shoulder and Elbow Fellowship

Dr. Jillian Fairley

Spine Surgery Fellowship

Dr. Rashed Al-Ahmed

Dr. Hani Al Harbi

Dr. Rohail Mumtaz

Trauma Fellowship

Dr. Abdulhamid Al Yousef

Dr. Jonathan Doyon



Featuring Dr. Derek Butterwick MD, FRCSC



"I graduated from the University of Ottawa Orthopaedic Surgery program in 2013 thanks to the guidance from many staff members, but most importantly **Drs. Feibel, O'Neil, Brunet and Jarvis**. I went on to complete a Trauma Fellowship with **Drs. Papp, Liew and Gofton** the following year where I was able to gain independence and confidence in the operating room, before moving to Vancouver to pursue a Foot and Ankle Reconstruction Fellowship at the University of British Columbia with **Drs. Younger, Wing and Penner**.

I was eventually very fortunate to secure a staff position in Kamloops, BC at the Royal Inland Hospital with my wife, **Dr. Jaana Kastikainen**, who focuses on Perinatal Psychiatry. My practice has evolved into everything I hoped it would be. I am able to split my time between primary hip and knee arthroplasty, foot and ankle reconstruction and trauma care allowing for full use of inpatient, outpatient and surgical center resources. As a regional trauma center, we do collect a high volume of orthopaedic trauma. If you have seen the TLCshow "Highway Thru Hell", this highway in question drains directly to our hospital leaving no shortage of work.

I have recently taken on the role of Chief of the Division of Orthopaedic Surgery at our hospital. With the addition of a new surgical tower at our hospital, we have been able to grow our group from 8 to 10 orthopaedic surgeons allowing double coverage for each subspeciality discipline. Through the work of my colleague, **Dr. Tyler MacGregor**, he and I have been able to provide outreach surgical service to Williams Lake, a community three hours north of Kamloops. In addition to my clinical duties, I function as a Clinical Instructor to medical students and Family

Medicine residents attending the UBC Medical School Okanagan Campus. We are proud to have one of our first medical students recently graduate from the UBC Orthopaedics program this year.

Living in Kamloops has not only allowed me to meet my professional goals but has also allowed me to pursue many recreational activities. When I am not bogged down with work, I am out clearing my head on the mountain bike trails, snowboarding at Sun Peaks, wandering around the backcountry or out at the trailer with my kids."



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